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24-AT-6045  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fennern

:

Art Unit: 3641

Serial No.: 09/683,343

:

Examiner: R. Palabrica

Filed: December 17, 2001

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For: MODULAR REACTOR  
CONTAINMENT SYSTEM

:

:

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FEB 10 2004

GROUP 3600

AMENDMENT AFTER FINAL OFFICE ACTION (37 C.F.R. § 1.116)

Commissioner for Patents  
Mail Stop AF  
P.O. Box 1450  
Alexandria, VA 22313

Applicant respectfully requests consideration and entry of the following amendment  
submitted in response to the Office Action dated December 3, 2003, and made final.

IN THE CLAIMS

1. (currently amended) A metal containment vessel for a boiling water  
nuclear reactor, the boiling water nuclear reactor comprising a reactor pressure vessel, said  
containment vessel comprising:

a bottom head;

a removable top head;

a substantially cylindrical sidewall extending from said bottom head to said top  
head, said bottom head, top head and cylindrical sidewall defining a containment cavity sized to  
receive and enclose the reactor pressure vessel, said containment cavity comprising a  
containment cavity volume, said containment cavity volume less than 4 times the volume of the  
reactor pressure vessel, said containment vessel having a pressure rating of at least about 50  
atmospheres;